

SUBSTITUTE FORM PTO-1449 (MODIFIED) JUL 16 2004 PATENT & TRADEMARK OFFICE		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. CMC/163		SERIAL NO. 10/759,288							
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT Rothenberg									
				FILING DATE 01/16/04		GROUP 1644							
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NR	AA	6	1	4	3	8	7	1	11/07/00	Bonnefoy et al.	530	351	11/12/97
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NR	AL	WO 0036103		06/22/00		PCT		C12N	15/12	NA			
NR	AM	WO 02102399		12/27/02		PCT		A61K	38/00	NA			
NR	AN	WO 03030824		04/17/03		PCT		A61K		NA			
NR	AO	WO 03045332		06/05/03		PCT		A61K		NA			
NR	AP	WO 9494680		03/03/94		PCT		C12N	15/24	NA			
NR	AQ	WO 9803654		01/29/98		PCT		C12N	15/24	NA			
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)													
NR	AR	Graness A., et al., <u>Protein Kinase C and ERK Activation Are Required for TFF-peptide-stimulated Bronchial Epithelial Cell Migration and Tumor Necrosis Factor-<math>\alpha</math>-induced Interleukin-6 (IL-6) and IL-8 Secretion</u> , The Journal of Biological Chemistry, 277:18440-18446 (2002)											
NR	AS	Oertel, M. et al., <u>Trefoil Factor Family-Peptides Promote Migration of Human Bronchial Epithelial Cells: Synergistic Effect with Epidermal Growth Factor</u> , American Journal of Respiratory Cell and Molecular Biology Vol. 25 (2001) pp. 418-424											
NR	AT	PCT, <u>International Search Report</u> , PCT/US2004/001140, mailed 06/14/04, 5 pg.											
EXAMINER  /Nora Rooney/										DATE CONSIDERED  03/01/2007			
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
NR	B.R	Williams, G.R. et al., <u>Trefoil facotr family domain peptides</u> , Virchows Arch (1997) 431:299-304
	B.S	
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## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

NR	A.R	Al-azzeah, E., et al., <u>Transcription factor GATA-6 activates expression of gastroprotective trefoil genes TFF1 and TFF2</u> , Biochim. Biophys. Acta 1490:324-332 (2000)
NR	A.S	Allison, M.R., et al., <u>Experimental Ulceration Leads to Sequential Expression of Spasmolytic Polypeptide, Intestinal Trefoil Factor, Epidermal Growth Factor and Transforming Growth Factor Alpha mRNAs In Rat Stomach</u> , J. Pathol. 175:405-141 (1995)
NR	A.T	Barnes, P.J., <u>New directions in allergic disease: Mechanism-based anti-inflammatory therapies</u> , J. Allergy Clin. Immunol. 106:5-16 (2000)

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NR	B.R	Blease, K., <u>Stat6-Deficient Mice Develop Airway Hyperresponsiveness and Peribronchial Fibrosis During Chronic Fungal Asthma</u> , Am. J. Pathol. 160:481-490 (2002)
NR	B.S	Bochner, B.S., et al., <u>Immunological Aspects of Allergic Asthma</u> , Annu. Rev. Immunol. 12:295-335 (1994)
NR	B.T	Boushey, H.A., <u>Experiences with monoclonal antibody therapy for allergic asthma</u> , J. Allergy Clin. Immunol. 108:S77-S83 (2001)

  

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NR	C.R	Broide, D.H., <u>Molecular and cellular mechanisms of allergic disease</u> , J. Allerg. Clin. Immunol. 18:S65-S71 (2001)					
NR	C.S	Bulitta, C.J., et al., <u>Autoinduction of the trefoil factor 2 (TFF2) promoter requires an upstream cis-acting element</u> , Biochem. Biophys. Res. Commun. 293:366-374 (2002)					
NR	C.T	Busse, W.W., et al., <u>Asthma</u> , N. Engl. J. Med. 344:350-352 (2001)					
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NR	D.R	Drazen, J.M., et al., <u>Sorting Out the Cytokines of Asthma</u> , J. Exp. Med. 183:1-5 (1996)
NR	D.S	Farrell, J.J., et al., <u>TFF2/SP-deficient mice show decreased gastric proliferation, increased acid secretion, and increased susceptibility to NSAID injury</u> , J. Clin. Invest. 109:193-204 (2002)
NR	D.T	Finkelman, F.D., et al, <u>Anti-cytokine Antibodies as Carrier Proteins</u> , J. Immunol. 151:1235-1244 (1993)

  

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NR	E.R	Foster, P.S., et al., <u>Elemental signals regulating eosinophil accumulation in the lung</u> , Immunol. Rev. 179:173-181 (2001)					
NR	E.S	Hamelmann, E., et al., <u>Noninvasive Measurement of Airway Responsiveness in Allergic Mice Using Barometric Plethysmography</u> , Am. J. Respir. Crit. Care Med. 156:766-775 (1997)					
NR	E.T	Hastie, A.T., et al., <u>Asthmatic Epithelial Cell Proliferation and Stimulation of Collagen Production: Human Asthmatic Epithelial Cells Stimulate Collagen Type III Production by Human Lung Myofibroblasts After Segmental Allergen Challenge</u> , Am. J. Respir. Crit. Care Med. 165:266-272 (2002)					
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
NR	F.R	Hogan, S.P., et al., <u>A Novel T Cell-Regulated Mechanism Modulating Allergen-Induced Airways Hyperreactivity in BALB/c Mice Independently of IL-4 and IL-g</u> , J. Immunol. 161:1501-1509 (1998)
NR	F.S	Holgate, S.T., et al., <u>Epithelial-mesenchymal interactions in the pathogenesis of asthma</u> , J. Allergy Clin. Immunol. 105:193-204 (2000)
NR	F.T	Holgate, S.T., et al., <u>The bronchial epithellum as a key regulator of airway inflammation and remodelling in asthma</u> , Clin. Exp. Allergy 29:90-95 (1999)

  

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NR	G.R	Hunt, J.F., et al., <u>Endogenous Airway Acidification: Implications for Asthma Pathophysiology</u> , Am. J. Respir. Crit. Care Med. 161:694-699 (2000)					
NR	G.S	Ihle, J.N., <u>The Stat family in cytokine signaling</u> , Curr. Opin. Cell Biol. 13:211-307 (2001)					
NR	G.T	ISAAC, <u>Worldwide variation in prevalence of symptoms of asthma, allergic rhinoconjunctivitis, and atopic eczema: ISAAC</u> , The International Study of Asthma and Allergies in Childhood (ISAAC) Steering Committee, Lancet 351:1225-1232 (1998)					
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NR	H.S	Kuperman, D.A., et al., <u>Direct effects of interleukin-13 on epithelial cells cause airway hyperreactivity and mucus overproduction in asthma</u> , Nature Medicine 8:885-889 (2002)					
NR	H.T	Kurup, V. P., et al., <u>IgE and eosinophil regulation in a murine model of allergic aspergillosis</u> , J. Leukoc. Biol. 56: 593-598 (1994)					
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NR	I.S	Lee, N.A., et al., <u>Pulmonary T cells and eosinophils: Coconspirators or independent triggers of allergic respiratory pathology?</u> , J. Allergy Clin. Immunol. 107:945-957 (2001)
NR	I.T	Mishra, A., et al., <u>Interleukin-5-mediated Allergic Airway Inflammation Inhibits the Human Surfactant Protein C Promoter in Transgenic Mice</u> , J. Biol. Chem. 276:8453-8450 (2001)

  

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NR	J.R	Nikolaidis, et al., <u>Trefoil Factor-2 Is an Allergen-Induced Gene Regulated by Th2 Cytokines and STAT6 in the Lung</u> , Am. J. Respir. Cell. Mol. Biol. 2003; 29:458-464				
NR	J.S	Podolsky, D.K., <u>Mechanisms of regulatory peptide action in the gastrointestinal tract: trefoil peptides</u> , J. Gastroentero. 35:69-74 (2000)				
NR	J.T	Pope, S.M., et al., <u>IL-13 induces eosinophil recruitment into the lung by an IL-5- and eotaxin-dependent mechanism</u> , J. Allergy Clin. Immunol. 108:594-601 (2001)				
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NR	K.R	Rankin, J.A., et al., <u>Phenotypic and physiologic characterization of transgenic mice expressing interleukin 4 in the lung: Lymphocytic and eosinophilic inflammation without airway hyperreactivity</u> , Proc. Natl. Acad. Sci. USA 93:7821-7825 (1996)					
NR	K.S	Ray, A., et al., <u>Th2 cells and GATA-3 in asthma: new insights into the regulation of airway inflammation</u> , J. Clin. Invest. 104:985-993 (1999)					
NR	K.T	Ribieras, S., et al., <u>Mouse Trefoll Factor genes: genomic organization, sequences and methylation analyses</u> , Gene 266:67-75 (2001)					
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (37 CFR 1.98(b))      (Use several sheets if necessary)				APPLICANT Rothenberg			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	L.L.						
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
NR	L.R.	Rio M C., et al., <u>Induction of pS2 and hSP Genes As Markers of Mucosal Ulceration of the Digestive Tract</u> , Gastroenterology 100:375-379 (1991)					
NR	L.S.	Robinson, D.S., et al., <u>Predominant TH2-Like Bronchoalveolar T-Lymphocyte Population in Atopic Asthma</u> , N. Engl. J. Med. 326:298-304 (1992)					
NR	L.T.	Shimoda, K., et al., <u>Lack of IL-4-induced Th2 response and IgE class switching in mice with disrupted Stat6 gene</u> , Nature 380:630-633 (1996)					
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NR	M.S	Thim, L., et al., <u>Effect of trefoil factors on the viscoelastic properties of mucus gels</u> , Eur. J. Clin. Invest. 32:519-527 (2002)					
NR	M.T	Thim, L., <u>Trefoil peptides: from structure to function</u> , Cell. Mol. Life Sci. 53:888-903 (1997)					
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NR	N.S	Vignola, A.M., et al., <u>Proliferation and activation of bronchial epithelial cells in corticosteroid-dependent asthma</u> , J. Allergy. Clin. Immunol. 108:378-746 (2001)
NR	N.T	Wills-Karp, M., <u>IL-12/IL-13 axis in allergic asthma</u> , J. Allergy. Clin. Immunol. 107:9-18 (2001)

  

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NR	O.S	Wright, N.A., et al., <u>Epidermal Growth Factor (EGF/URO) Induces Expression of Regulatory Peptides in Damaged Human Gastrointestinal Tissues</u> , J. Pathol. 162:279-284 (1990)					
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